W-LIGHT LED Luminaire

W-Light Luminaire 12/24VDC

Features

Power supply	10 - 30VDC
Luminous flux reduction *	-30%
Working ambient temperature	-20°C ~ +60°C
Protection degree	IP 65
Electric insulation class	III (SELV)
Mounting	Top-pole or bracket 60mm Diameter
Electric cabling	Coaxial terminal 3 poles IP 68
Outside diameter power supply cable	Ø 5 – 13,5 mm
Inside section power supply cable	3 x 1,5 – 4 mmq
Omologations	CE Mark
Warranty	2 years

***** Available only through the connection with the ***Western Co. SPB-Lx series*** charge regulators.

Mechanical installation

W-Light has got an universal attack to bracket or top-pole made of hot galvanized and painted steel Ø 60 mm. To avoid light pollution this attack has an adjustable tilt system that allows, in case of bracket installations, to correct the bracket tilt to ensure the perfectly luminaire horizontal mounting. The correctable bracket tilt angles are fixed and they are three: 5° / 10° / 30° (see Fig. 1).

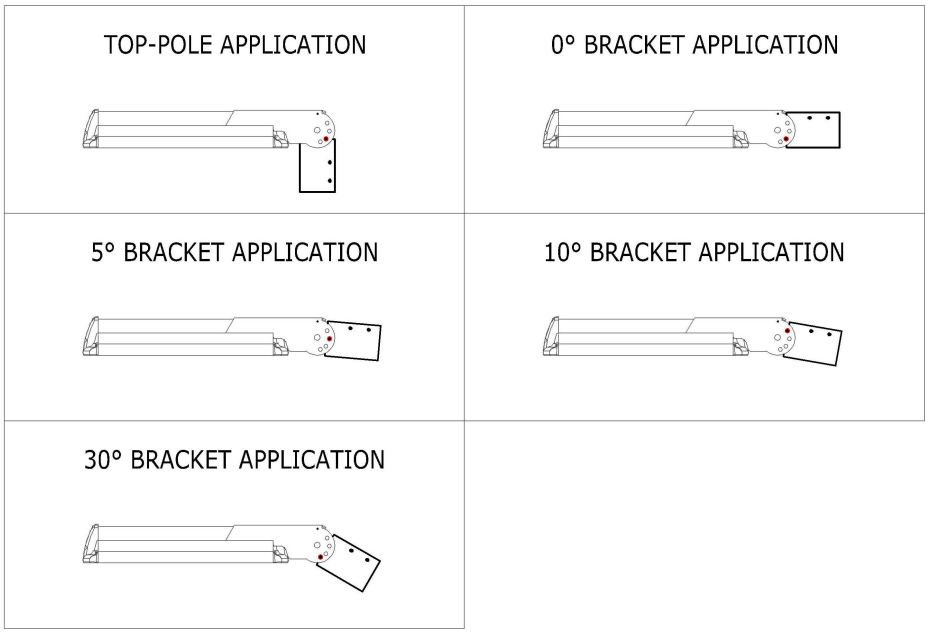

Figura 1 – available W-Light - mechanical configurations

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Electric installation

W-Light is a luminaire with a III (SELV) electric insulation class. It must be supplied with a constant voltage value between 10VDC and 30VDC.
W-Light is equipped with a 500mm long H07RN-F 3x1.5 mmq. (+VDC, -VDC, DIMMER) black cable outgoing from the luminaire internal compartment and connected to an input coaxial 3-poles IP68 terminal (see Figure 2a).
Open this input terminal and cable the power supply cable **+VDC (brown)**, **-VDC (blue)** and **DIMMER (yellow-green)** (see Fig. 2b), respecting the right polarities as shown on the figure. There is not a feedback in case of a luminaire wrong cabling; so take care of the polarities respect, otherwise the luminaire will not work. In case of battery direct power supply, the only connection will be sufficient to power on the luminaire, so this procedure can be used to verify the correct cabling inside the input terminal.

Fig. 2a – W-Light input terminal

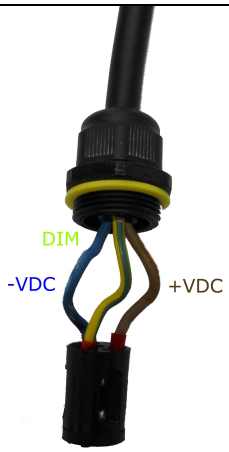

Fig. 2b – W-Light colors map of power supply cabling

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